	Application No.	Applicant(s)	
Notice of Allowability	10/045,055	BENOUDIZ, EYAL	
	Examiner	Art Unit	
	Chuck O. Kendall	2192	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _01/23/07_.

2. ☒ The allowed claim(s) is/are _1-12 and 14 - 24_.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _02/16/07_ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

Examiners Amendment

1.　An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided · by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an in person interview with *Jun Y. Lee* registration no. *40,262*, on February 16 2007. Claims are being amended to overcome potential 101 issues, as well as to include added limitations in claims as proposed by applicant and supported in the specification.

The application has been amended as follows:

IN THE CLAIMS

2.　Please amend Claims 1 – 8, 12 and 17 – 24.

Claim 1 (Currently Amended)

On line 1 replace, " debugger for visual debugging of a declarative language

encapsulated constraint system" with <u>declarative language encapsulated constraint

system having a debugger for visual debugging</u>

On line 12, after "said collected generation entities" insert <u>on a visual display</u>

Claim 2 (Currently Amended)

On line 1, replace "debugger" with system

Claim 3 (Currently Amended)

On line 1, replace "debugger" with system

Claim 4 (Currently Amended)

On line 1, replace "debugger" with system

Claim 5 (Currently Amended)

On line 1, replace "debugger" with system

Claim 6 (Currently Amended)

On line 1, replace "debugger" with system

Claim 7 (Currently Amended)

On line 1, replace "debugger" with system

Claim 8 (Currently Amended)

On line 7, before "constraints" insert <u>dynamically changing set of</u>

Claim 12 (Currently Amended)

On line 5, before "constraints" insert <u>dynamically changing set of</u>

Claim 17 (Currently Amended)

On line 1, before "debugger" insert <u>declarative language encapsulated constraint system having a</u>

On line 4, before "constraint" insert <u>dynamically changing set of</u>

Claim 18 (Currently Amended)

On line 1, replace "generation debugger" with <u>system</u>

Claim 19 (Currently Amended)

On line 1, replace "generation debugger" with <u>system</u>

Claim 20 (Currently Amended)

On line 1, replace "generation debugger" with <u>system</u>

<u>Claim 21 (Currently Amended)</u>

On line 1, replace "generation debugger" with <u>system</u>

<u>Claim 22 (Currently Amended)</u>

On line 1, replace "generation debugger" with <u>system</u>

<u>Claim 23 (Currently Amended)</u>

On line 1, replace "generation debugger" with <u>system</u>

<u>Claim 24 (Currently Amended)</u>

On line 1, replace "generation debugger" with <u>system</u>

Reasons for Allowance

3.   Examiner has reviewed and considered Applicants amendments as indicated in
Applicant's response dated 01/23/07 as well as Applicant's amendments of claims 1 -
12 and 14 – 24 per interview summary of 02/16/07. And based on Applicants
comments on page 9 – 11 of his response (01/23/07) and also partly based on
amendments as implemented above in amended claims section, claims are now in
condition for allowance.

The following is an Examiner's statement of reasons for allowance.

The prior art of record does not teach or fairly suggest at least the limitations of:

"...said generation entities including fields representative of at least one data structure or variable and a dynamically changing set of constraints for defining relationships between respective fields, wherein said generation events corresponds to decisions executed during said test generation process to apply said constraints to said fields...and indicia describing the respective modifications resulting from said corresponding generation events upon said generation entities collected responsive to said generation decisions" and as best illustrated by figs. 2 and 3, in such a manner as recited in independent claims 1, 8, 12 and 17 and as indicated in Applicants response of 01/23/07 on pages 9 - 11.

Therefore, all claims 1 – 12 and 14 – 24 are in condition for allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence Information

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Chuck Kendall whose telephone number is 571-

2723698. The examiner can normally be reached on 10:00 am - 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tuan Dam can be reached on 571-2723695. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

CK